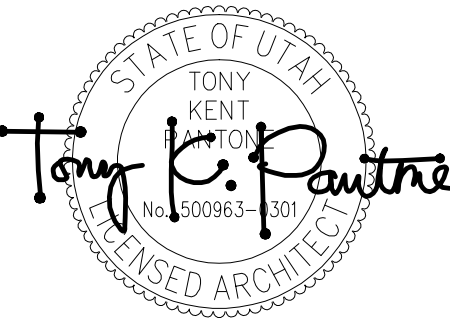


weber state university, heat plant reroof

3850 university circle, ogden, utah



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bott
architects

project team

owner:
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4110 state office building.
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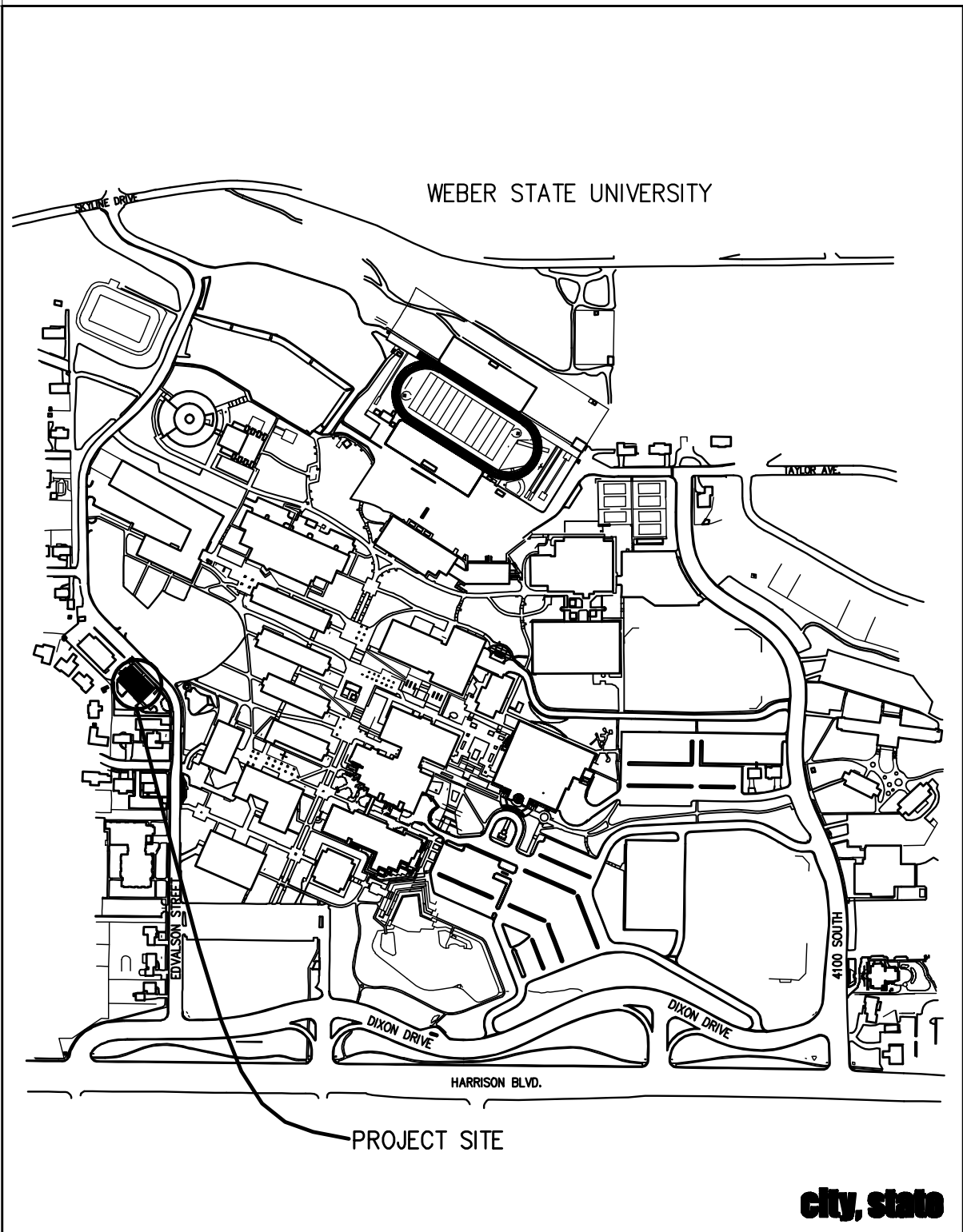
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620 24th street
ogden, utah 84401
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sheet index

g0.0 cover sheet / general information
a1.1 roof plan

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vicinity map



standard symbol legend

- asphalt
- batt insulation
- ceramic tile (in elevation)
- concrete
- concrete & plaster (in elevation)
- concrete masonry units
- brick
- compacted backfill
- earth
- finish lumber
- glass

- building section reference sheet reference
- wall section reference sheet reference
- detail reference sheet reference
- elevation marker

- glass (in elevation)
- gravel / rock fill
- gypsum board
- particle board
- sand, plaster, stucco & sand setting beds
- plywood
- rigid insulation
- steel
- wood framing (cont. member)
- wood framing (interrupted member)
- metal studs

- elevation reference sheet reference
- room number door designation
- window designation
- reflected ceiling elevation
- room title room number

abbreviations

- | | | | |
|-----------|---------------------------|---------|------------------------|
| @ | at | ga | gauge |
| d | diameter | galv | galvanized |
| # | pound or number | gc | general contractor |
| ab | anchor bolt | gl | glass |
| act | acoustical tile | gyp bd | gypsum board |
| adj | adjustable | hc | hollow case |
| aff | above finish floor | hdwd | hardwood |
| alum | aluminum | hdwr | hardware |
| bd | board | hdlr | handrail |
| bdg | building | hm | hollow metal |
| bm | beam | id | inside diameter |
| bot | bottom | incl | include(d) (ing) |
| brg | bearing | insul | insulation |
| bur | built up roofing | int | interior |
| cab | cabinet | jt | joint |
| cl | control joint | j | maximum |
| c | center line | max | mechanical |
| cig | ceiling | mech | metal |
| cmu | concrete masonry units | ml | manufacturer |
| col | column | mfr | minimum |
| conc | concrete | min | not in contract |
| constr | construction | nic | not to scale |
| constr jt | construction joint | ns | on center |
| cont | continuous | oc | plate |
| contr | contract(or) | pl | property line |
| corr | corridor | pl | plastic laminate |
| ct | ceramic tile | plywd | plywood |
| dct | detail | rb | resilient base |
| dim | dimension | rein | reinforce(d) (ing) |
| dwn | down | rfg | roofing |
| dr | door | rm | room |
| ea | each | sc | solid core |
| eb | expansion bolt | sch | schedule |
| ells | exterior insul fin system | sec | section |
| exp jt | expansion joint | sim | similar |
| elec | electrical | spec | specification |
| elev | elevation | sq | square |
| eq | equal | stl | steel |
| equip | equipment | temp gl | tempered glass |
| ewc | elec water cooler | typ | typical |
| exist | existing | vct | vinyl composition tile |
| ext | exterior | w/ | with |
| fdn | foundation | wd | wood |
| fecb | fire extinguisher cab | wdw | window |
| fin fl | finish floor | w/o | without |
| ft | foot or feet | wsct | wainscot |
| fig | footing | | |
| tur | tuning | | |

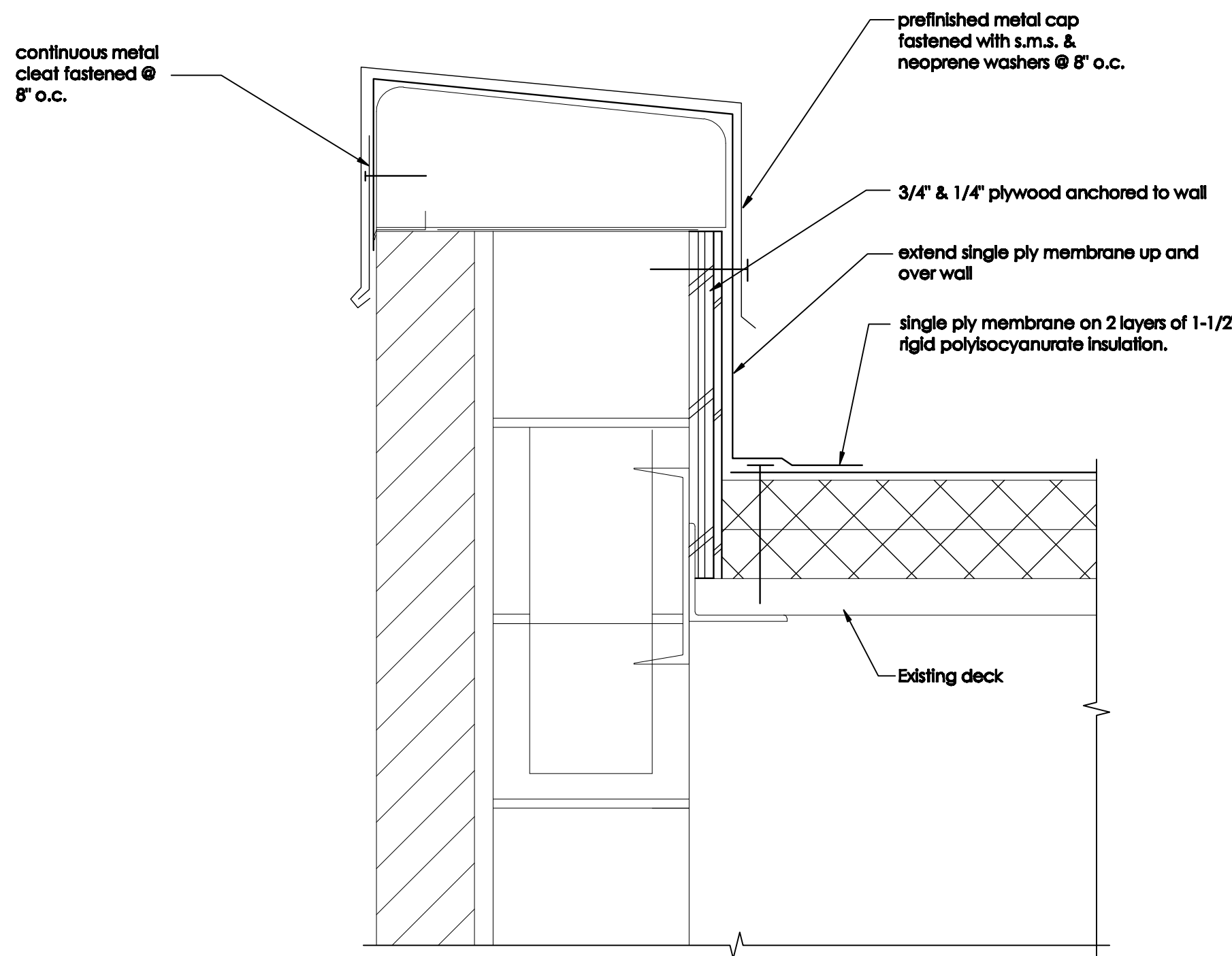
cover sheet / general information

wsu- heat plant reroof
3850 university circle
ogden, utah
project no. 0767
dcm project no. 07351810
03.14.08

set #

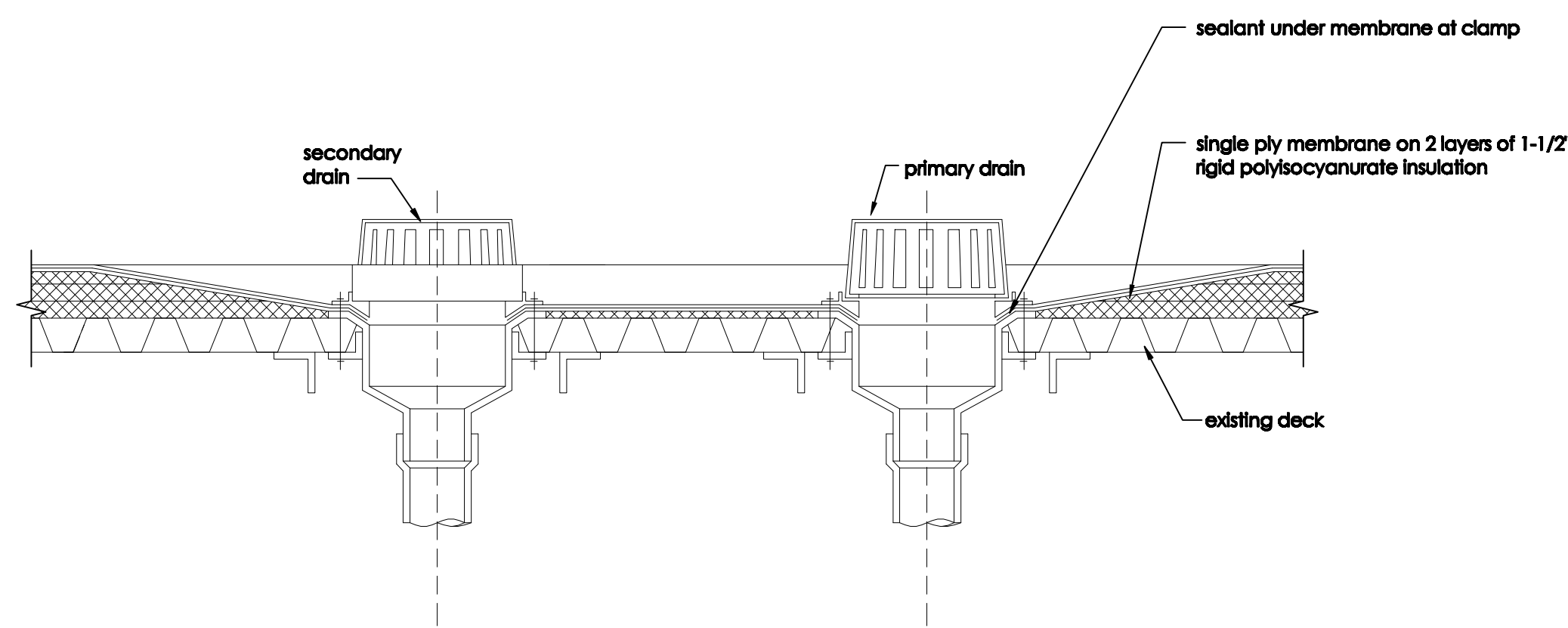
richards bott architects 620 24th street ogden, utah 84401 phone 801.394.3033 fax 801.394.9064

g0.0



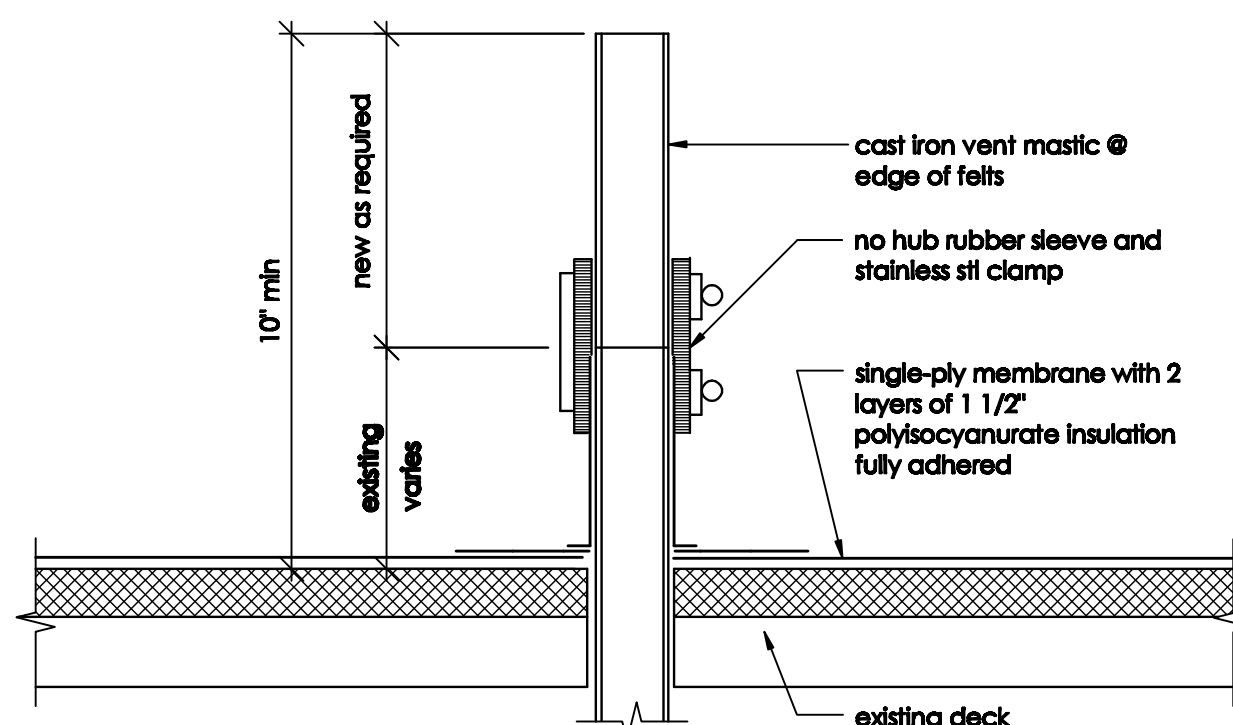
parapet detail

1 scale: 3" = 1'-0"



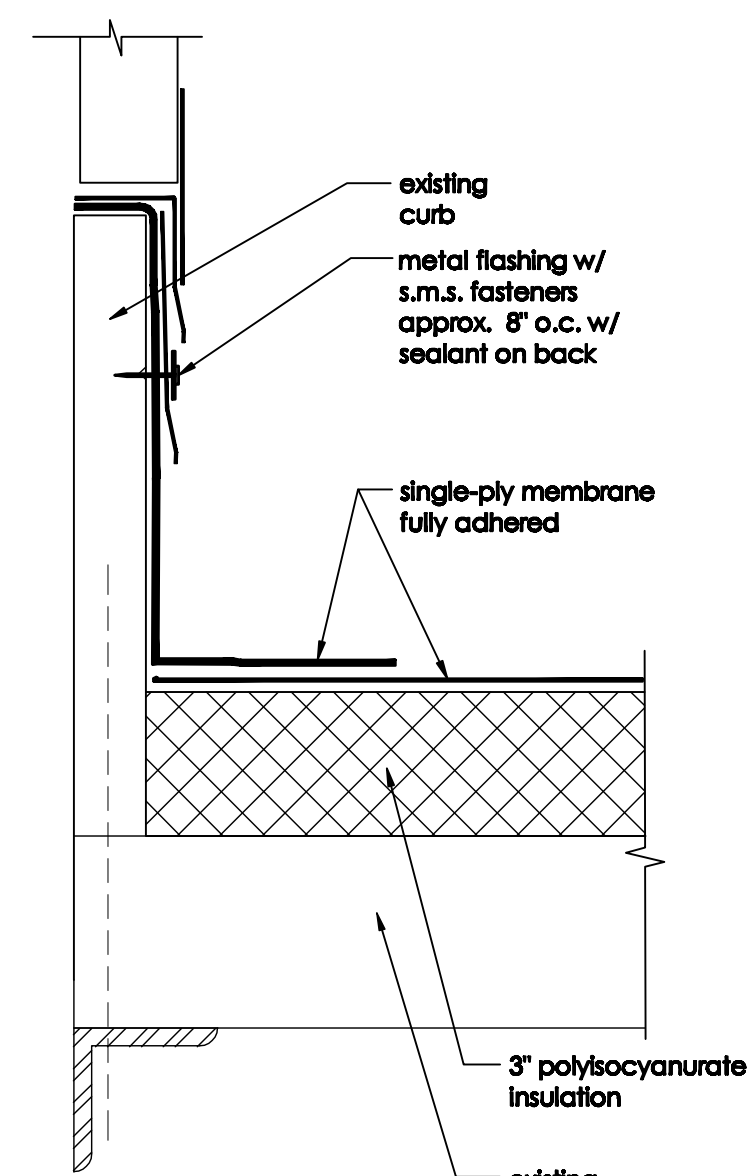
roof drain

2 scale: 3" = 1'-0"



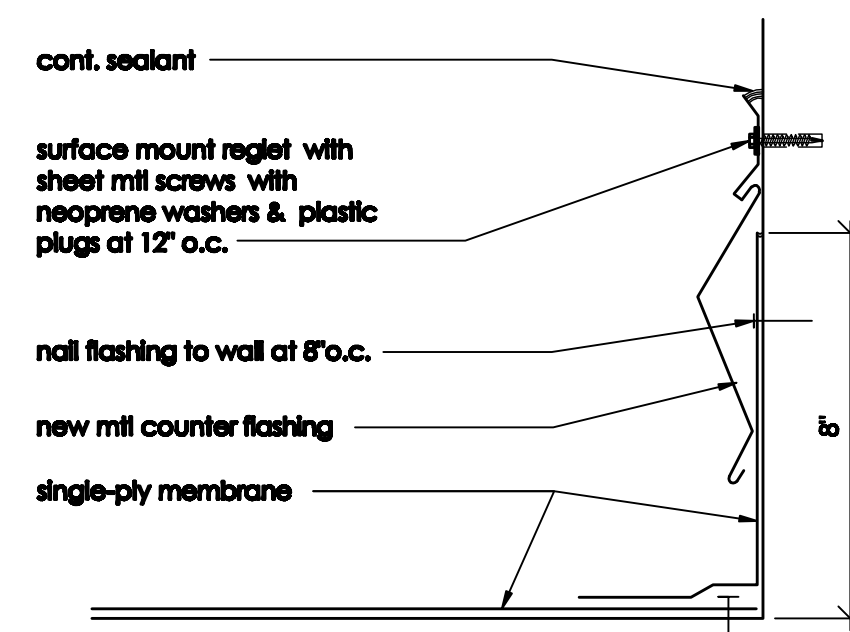
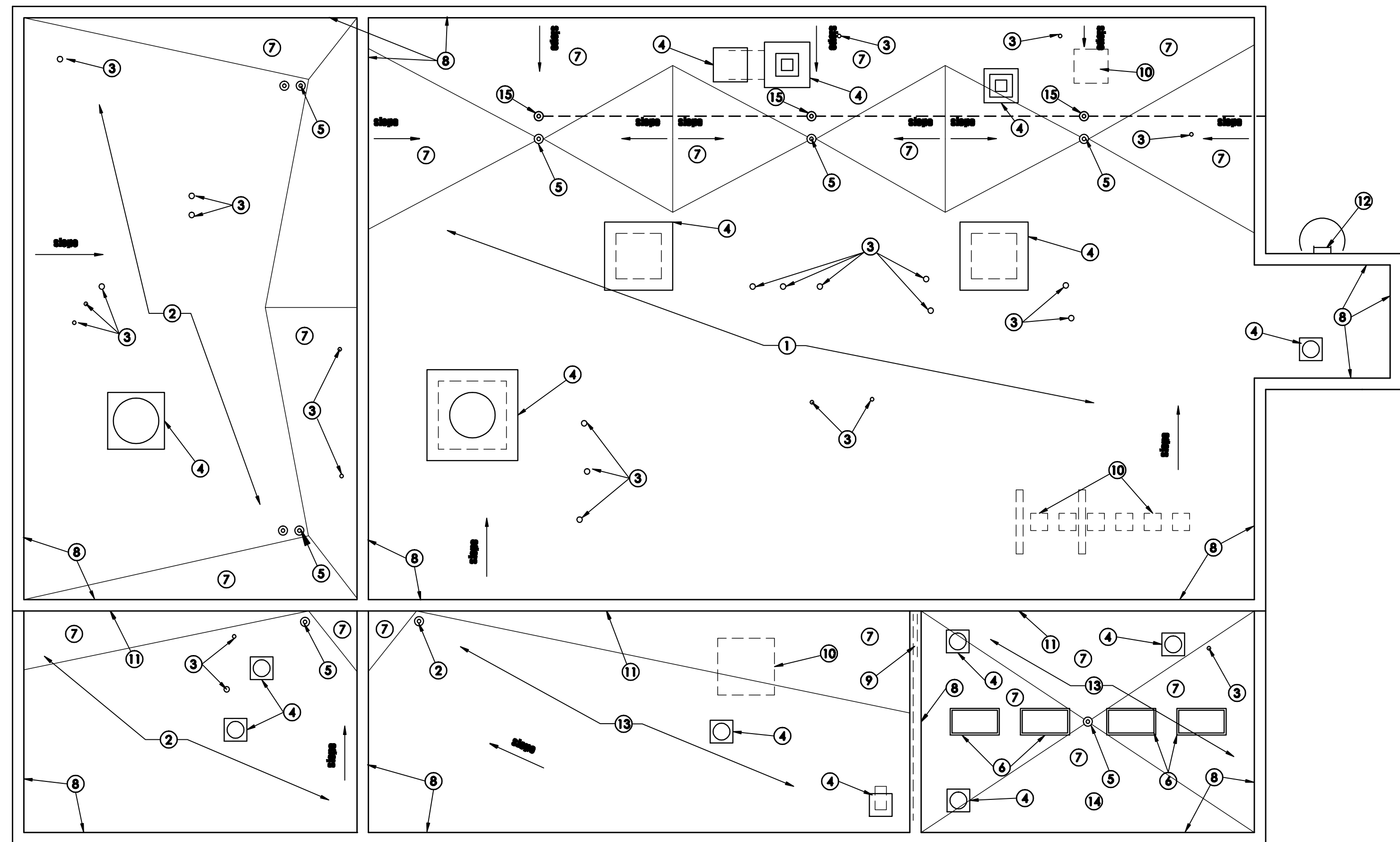
vent extension detail

3 not to scale



curb detail

4 scale: 3" = 1'-0"



reglet detail

5 scale: 3" = 1'-0"

general notes

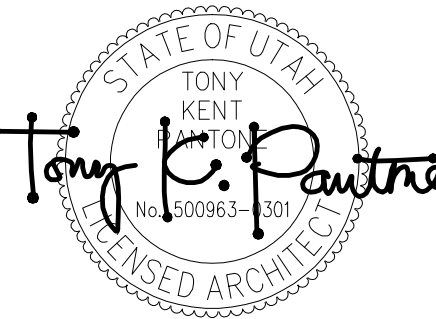
- Provide all miscellaneous flashing & accessories required for a complete job. Flash all roof penetrations. Remove and reinstall all miscellaneous equipment.
- All mec. Vents, flues, curbs etc. To meet min. Code clearance above new roof line.
- Field verify exact sizes and dimensions.
- Under a separate contract the owner is replacing the existing boiler and will cut into the existing roof, repair the deck and provide a temporary roof patch. This work will be completed prior to beginning reroof project. A few of the existing vents shown will be removed during the demolition of the existing boiler. Flashing any new penetrations.

keyed notes

- Remove existing b.u.r. on existing gypsum deck. Attach 5/8" cdx plywood over entire gypsum roof deck. Verify location of existing purlins. Screw @ 4" o.c. at the edges and 12" o.c. where possible in the field. Mechanically attach 2 layers of 1 1/2" polysocyanurate insulation & single-ply pvc membrane to plywood.
- Remove existing b.u.r. on 3/4" perlite board & 3" rigid insulation down to existing metal deck. Mechanically attach 2 layers of 1 1/2" polysocyanurate insulation & single-ply pvc membrane to deck.
- Flash existing vtr, see 3/a1.1.
- Mechanical penthouse, remove and reinstall as required to flash existing curb, see 4/a1.1 stm.
- Existing roof drain to be cleaned from all debris & provide single-ply membrane drain insert, see 2/a1.1.
- Remove existing skylight dome. Provide new kal-wall skylight.
- Provide tapered insulated cricket to get a min. 1/4"/ft slope.
- Existing concrete cap, remove existing reglet and provide a 3/4" & 1/4" plywood anchored to the side of the parapet wall beneath the concrete cap to bring the wall out flush with the edge of the concrete cap. Wrap new membrane up and over existing cap. Provide a new prefabricated metal cap with continuous cleat fastened at 8" o.c., see 1/a1.1.
- Remove existing conduit and relocate once new metal cap has been installed. Mount to side of wall.
- Remove existing curbs and patch existing gypsum deck.
- Remove existing and provide new reglet, see 5/a1.1.
- Existing ladder. Provide sign as specified mounted next to door to roof access on inside wall.
- Remove existing b.u.r. on 1" rigid insulation down to existing metal deck. Provide 2 layers of 1-1/2" polysocyanurate insulation and single-ply pvc membrane mechanical attached to deck.
- Existing metal deck is exposed below with many existing conduits secured to deck take care and precaution.
- Cut in existing roof a new overflow drain run pipe below deck with insulation to exterior wall. Provide downspout nozzle. Caulk around penetration.

roof plan

scale: 1/8" = 1'-0"



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a1.1